

ORDER FOR SUPPLIES OR SERVICES												PAGE 1 OF 15	
1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. N65540-15-D-0008				2. DELIVERY ORDER/ CALL NO. 0001		3. DATE OF ORDER/ CALL (YYYYMMDD) 2015 Mar 13		4. REQ./ PURCH. REQUEST NO. 1300481306		5. PRIORITY			
6. ISSUED BY NAVAL SURFACE WARFARE CENTER CARDEROCK COD (b) (6) 5001 S. BROAD STREET PHILADELPHIA PA 19112-5083						7. ADMINISTERED BY (if other than 6) DCMA SAN DIEGO 7675 DAGGET STREET, SUITE 200 SAN DIEGO CA 92111-2241		8. DELIVERY FOB <input checked="" type="checkbox"/> DESTINATION <input type="checkbox"/> OTHER (See Schedule if other)		9. CONTRACTOR BAE SYSTEMS SAN DIEGO SHIP REPAIR INC. RICHARD LANDSTEDT 2205 E BELT ST SAN DIEGO CA 92113-3634			
10. DELIVER TO FOB POINT BY (Date) (YYYYMMDD) SEE SCHEDULE						11. MARK IF BUSINESS IS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED		12. DISCOUNT TERMS					
13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 15													
14. SHIP TO NAVAL SURFACE WARFARE CENTER CARDEROCK (b) (6) 5001 SOUTH BROAD STREET PHILADELPHIA PA 19112-5083						15. PAYMENT WILL BE MADE BY DFAS COLUMBUS CENTER, WEST ENTITLEMENT P.O. BOX 182381 COLUMBUS OH 43218-2381						MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.	
16. TYPE OF ORDER		DELIVERY/ CALL		<input checked="" type="checkbox"/>		This delivery order/call is issued on another Government agency or in accordance with and subject to terms and conditions of above numbered contract.							
		PURCHASE				Reference your quote dated Furnish the following on terms specified herein. REF:							
ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.													
NAME OF CONTRACTOR				SIGNATURE				TYPED NAME AND TITLE				DATE SIGNED (YYYYMMDD)	
<input type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies:													
17. ACCOUNTING AND APPROPRIATION DATA/ LOCAL USE See Schedule													
18. ITEM NO.		19. SCHEDULE OF SUPPLIES/ SERVICES				20. QUANTITY ORDERED/ ACCEPTED*		21. UNIT		22. UNIT PRICE		23. AMOUNT	
		SEE SCHEDULE											
* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle.						24. UNITED STATES OF AMERICA TEL: (b) (6) EMAIL: (b) (6) BY: John P. Stefano						25. TOTAL \$5,877,567.50	
27a. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED						26. DIFFERENCES							
b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE						c. DATE (YYYYMMDD)		d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE					
e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE						28. SHIP NO.		29. DO VOUCHER NO.		30. INITIALS			
f. TELEPHONE NUMBER		g. E-MAIL ADDRESS				<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		32. PAID BY		33. AMOUNT VERIFIED CORRECT FOR			
36. I certify this account is correct and proper for payment.						31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL				34. CHECK NUMBER			
a. DATE (YYYYMMDD)		b. SIGNATURE AND TITLE OF CERTIFYING OFFICER								35. BILL OF LADING NO.			
37. RECEIVED AT		38. RECEIVED BY		39. DATE RECEIVED (YYYYMMDD)		40. TOTAL CONTAINERS		41. S/R ACCOUNT NO.		42. S/R VOUCHER NO.			

Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001			Lot		(b) (4)
	Engineering and Technical Services CPFF in support of the Navy Modernization Programs of Hull Material and Electronics (HM&E) systems from date of award through 12 months. Technical services are further described in the Statement of Work. FOB: Destination				
				ESTIMATED COST	
				FIXED FEE	
				TOTAL EST COST + FEE	

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000101			Lot		(b) (4)
	Engineering and Technical Services CPFF in support of the Navy Modernization Programs of Hull Material and Electronics (HM&E) systems from date of award through 12 months. Technical services are further described in the Statement of Work. FOB: Destination PURCHASE REQUEST NUMBER: 1300481306				
				ESTIMATED COST	
				FIXED FEE	
				TOTAL EST COST + FEE	(b) (4)
	ACRN AA				(b) (4)
	CIN: 130048130600001				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004			Lot		(b) (4)

Support Services

COST

includes material, travel, incidental subcontracting and other direct costs in support of Items 0001 through 0003 in accordance with the Statement of Work.

The estimated costs that will be incurred over the three-year period of the contract is (b) (4) . This cost is a Not-To-Exceed amount.

FOB: Destination

ESTIMATED COST

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000401			Lot		(b) (4)

Funding for CLIN 0004 Support Costs

COST

FOB: Destination

PURCHASE REQUEST NUMBER: 1300481306

ESTIMATED COST

ACRN AA

(b) (4)

CIN: 130048130600001

Section C - Descriptions and Specifications

STATEMENT OF WORK**ALTERATION PROGRAM SUPPORT FOR CODE 918****1.0 SCOPE:**

- 1.1 Provide engineering, technical and installation services to NSWCCD-SSES (NAVSEA Philadelphia), Technology Deployment Branch (Code 918) for the Engineering development, modification material selection and design, and installation of alterations on various Navy ships. The contractor shall provide the following resources for support of Code 918: design prototype modification kits, material identification and procurement, engineering drawings and specifications, pre-fabrication and production of specified component assemblies, space modification, testing, and material handling (consisting of kitting, storage, transportation and quality assurance). The contractor shall provide all incidental and consumable materials as well as all tooling required to accomplish the alteration design and installations referenced by this SOW for each SCD and MACHALT provided.
- 1.2 Prototype engineering and design work will be performed within 250 miles of NSWCCD-SSES (NAVSEA Philadelphia). Production and installation of said prototypes will predominately be at three Naval Stations located in Norfolk, VA, San Diego, CA and Pearl Harbor, HI.
- 1.3 Period of Performance will be from DO award to 1 Mar 2018.
- 1.4 Applicable platforms for the alterations called out in REF 2.10 below will be Aircraft Carriers, Submarines, Surface combatants, Logistics support ships, Amphibious, and Auxiliary support vessels, and support craft such as barges.
- 1.5 Estimated Level of Effort:

Labor Categories	Estimated Hours	Overtime Hours	Total Hours
Program Manager	(b) (4)		
Senior Engineer			
Engineer			
Logistician			
Quality Assurance Specialist			

Technical Writer	(b) (4)		
Clerk/Typist			
Sr. Engineering Tech			
Engineering Tech			
Planner/Estimator			
Site Foreman			
Quality Assurance Technician			
Marine Equipment Mechanic			
HVAC Technician			
Electronics Technician			
Marine Machinist			
Marine Electrician			
Shipfitter			
Burner/Welder			
Maintenance Trades Helper			
Pipefitter			
Painter/Sandblaster			
Insulator/Lagger			
Total Estimated Hours	(b) (4)		83330

2.0 APPLICABLE DOCUMENTS (Latest Revisions):

- 2.1 NAVSEA Technical Manual S9AA0-AB-GSO-010 (General Specifications for Overhaul of Surface Ships)
- 2.2 MIL-STD 1088 Engineering Drawing Practices
- 2.3 MIL-STD 490 Specification Practices
- 2.3 NAVSEA INST 4720.15 Machinery Alterations
- 2.4 General Specifications for Ships of the U.S. Navy-NAVSEA S9A0-AA-APN-010/GEN SPECS
- 2.5 SHIPMAIN SCD Alteration/Modification Instructions
- 2.6 Navy Modernization Program (NMP) Management and Operations Manual, NAVSEA SL720-AA-MAN-030.
- 2.7 Ship Alterations Accomplished by AITs, NAVSEA Technical Specifications, 9090-310G.
- 2.8 Process and Policy for Shipboard Industrial Work, NAVSSES Instruction 4720.2F
- 2.9 Navy Data Environment (NDE) Website
- 2.10 Attachment (A): List of Equipment Alteration Projections for accomplishment (General scope of work for each alteration in the MACHALT Information Booklet available via internet at: {<https://www.nswccd-sses-mermaid.com/Mermaid/Mermaid.htm>})

3.0 REQUIREMENTS:

- 3.1 The contractor shall provide all required resources including tools, consumable materials and qualified personnel to support planning, management, logistics and technical support, pre-fabrication and installation the alteration kits as listed in Attachment (A). Due to shifting availability schedules, changing installation priorities and limited budgets, the alterations listed are only a composite of the expected work. Specific hulls and ports are not defined due to flexible nature of equipment level modification installation windows and war time operations needs. The contractor shall provide installation support and quality assurance as specified in paragraphs 2.0 and 5.0 of this document during pre and post-installation testing and installation.
- 3.2 The contractor shall provide a monthly installation status report and project POA&M to individual alteration Project Managers and the SME commencing from the start of support for each specific alteration until the completion of the task on a per ship basis.
- 3.3 The contractor shall provide a monthly progress/financial report commencing 30 days after award and every 30 days until the completion of the task. The contractor shall provide a tracking report for each specific alteration per hull. The tracking report should show percentage of work completed versus percentage of ceiling expended for each alteration.
- 3.4 The contractor will provide transportation, staging, and security for all contractor furnished material (CFM) and government furnished material (GFM) in and around the installation site and contractor facilities.
- 3.5 The contractor will notify the local MACHALT program coordinator, appropriate Project Manager and the SME immediately of any technical issues, equipment deficiencies or any other events that would potentially negatively affect the installation schedule or cost of the task.
- 3.6 The contractor will maintain and provide a material inventory report on a monthly basis to the alteration Project Manager and SME detailing the location and disposition of GFM.
- 3.7 The contractor may be required to conduct a ship check prior to the start of work for each ship and maintain a projected work schedule. The contractor will attend required ship production meetings and maintain continuous dialogue with the local MACHALT program coordinator.
- 3.8 The contractor will inventory each alteration kit for completeness prior to the start of any installation. The contractor should then notify the appropriate Project Manager of material shortages.
- 3.9 The contractor will ensure that all shipboard industrial work is accomplished IAW NSTS 9090.310G and NAVSSESINST 4720.2C for quality control. QA

workbooks shall be created for each new alteration and provided to the appropriate Project Manager no less than 14 days before the start of the first production installation of each alteration.

- 3.10 The contractor shall provide incidental material and all tools in accordance with the various SHIPMAIN SCD Alteration/Modification Instructions, paragraphs 12.3. Special materials, Tools, or Test Equipment Required for Installation and Checkout, but Not Supplied in Kit.

4.0 DELIVERABLES/SCHEDULE:

- 4.1 Provide a bi-monthly (POA&M) and progress reports to the SME and local MACHALT coordinator commencing 30 days from award until the completion of each hull of this task. POA&M should track the project daily from the scheduled installation date.
- 4.2 Provide a monthly financial report to the COR and SME commencing 30 days after award and every month until the completion of the task.
- 4.3 Provide a monthly GFM report to the alteration Project Manager and SME commencing 14 days after the receipt of GFM.
- 4.4 Provide a projected modification schedule and ship check report to the local MACHALT coordinator at 5 least working days prior to the commencement of each installation.
- 4.5 Provide a detail equipment report to the local MACHALT coordinator for logistic support within 3 days after the completion of each hull.
- 4.6 Provide pre-start check list and QA documentation to the local MACHALT representative prior to the commencement of work per hull.
- 4.7 Provide a completion report to the local MACHALT coordinator and SME within 5 working days after period of performance of this task.
- 4.8 The COR shall be copied or notified of all deliverables via email.

5.0 NSWCCD-SSES GOVERNMENT FURNISHED INFORMATION/MATERIAL (GFI/M):

- 5.1 SHIPMAIN SCD Alteration/Modification Instructions will be provided to the contractor a minimum of 30 days prior to the first scheduled alteration installation.
- 5.2 The government will furnish alteration kits as required/requested by the contractor.

6.0 TRAVEL: Only as required in support of alterations outside of location cited in Paragraph 10.0.

7.0 CLASSIFIED MATERIAL: None.

8.0 SPECIAL REQUIREMENTS: As specified under each SHIPMAIN SCD Alteration/Modification Instructions.

9.0 PERIOD OF PERFORMANCE: From award date to 30 MAR 2018

10.0 PLACE OF PERFORMANCE:

10.1 The installations will be accomplished predominantly at the Naval Stations in Norfolk, VA, San Diego, CA and Pearl Harbor, HI except as specified in paragraph 6.0.

10.2 The SME reserves the right to modify the locations for the needs of the navy as directed by the CLASSRON and CFFC maintenance staff for accomplishments of alteration and modernization to meet Ship's availability and schedules, within the scope of the Delivery Order funding.

11.0 OVERTIME: Is authorized with the prior approval of the OSIC and the SME.

12.0 OVERSIGHT & TECHNICAL AUTHORITY:

12.1 The oversight and technical authority for all work accomplished under this delivery order shall be the local MACHALT coordinator and the SME.

12.2 The contractor shall in all cases defer to the local MACHALT coordinator regarding any installation information and interface with ships force personnel.

13.0 SUBJECT MATTER EXPERT (SME): The SME for this delivery order is (b) (6) NSWCCD-SSES (b) (6)

14.0 CONTRACTING OFFICER REPRESENTATIVE (COR): The COR for this delivery order is (b) (6) NSWCCD SSES Code (b) (6) Phone (b) (6) (b) (6)

Attachment (A): Listing of Applicable SCD for Accomplishment

Equipment Alteration Projections				
SCD	MA	DESCRIPTION	Average Kits Per Hull	Estimated Number of Hulls
4611	475	CIWS S/W Cooling Venturi Flow Switch	2	6
3658	544	DDG-51 Class Dog/Handle Upgrade for Cargo Doors**	42	6

12225	689	Boat Davit Winch Manual Brake Upgrade**	1	14
3828	647	Lube Oil Pump Seal Replacement Mod	4	3
2575	599	Fuel Oil Pump Seal Replacement and Bearing Mod	4	3
317	622	VLS Motorized Solenoid Operated Pilot Valve (SOPV)	2	4
399	623	SPY Motorized Pilot Valve	2	16
926	638	Stern Tube Seal Kevlar Insert	2	6
75837	699	LHD Main Feed Pump Seal Upgrade	4	4
9185	670	Fire Pump Isolation Gaskets	12	8
14363	712	LSD VCHT Ejector Pump Controller Augment	2	4
70314	631	Static ABT Switch Model 1 Retrofit	2	16
14987	715	RLM Replacement	16	16
12076	669	Watertight Hatch Comp WT Closure ModX	16	16
12018	707	DDG Anchor Windless Low Speed Shaft Replacement	16	16

Section E - Inspection and Acceptance

INSPECTION AND ACCEPTANCE TERMS:

Inspection and Acceptance will be performed by the COR, (b) (6)
Center Carderock Division Philadelphia, PA.

Code (b) Naval Surface Warfare

Section F - Deliveries or Performance

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0001	POP 16-MAR-2015 TO 30-MAR-2018	N/A	NAVAL SURFACE WARFARE CENTER CARDEROCK (b) (6) 5001 SOUTH BROAD STREET PHILADELPHIA PA 19112-5083 FOB: Destination	N65540
000101	N/A	N/A	N/A	N/A
0004	POP 16-MAR-2015 TO 30-MAR-2018	N/A	NAVAL SURFACE WARFARE CENTER CARDEROCK (b) (6) 5001 SOUTH BROAD STREET PHILADELPHIA PA 19112-5083 FOB: Destination	N65540
000401	N/A	N/A	N/A	N/A

Section G - Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA: 1731810 81LT 251 VU021 0 050120 2D 000000

COST CODE: A00002750781

AMOUNT: (b) (4)

CIN 130048130600001: (b) (4)

Section I - Contract Clauses

INCREMENTAL FUNDING

- (a) This contract is incrementally funded and the amount available for payment hereunder is limited to (b) (4) inclusive of fee. It is estimated that funds will cover the cost of performance through 30 April 2015. Subject to provisions of the clause FAR 52.232-22 – Limitation of Funds (APR 1984) in Section I of this contract, no legal liability on the part of the Government in excess of (b) (4) shall arise unless additional funds are made available and incorporated as a modification of the contract.

Section J - List of Documents, Exhibits and Other Attachments

Attachment 1 for Delivery Order 0001 – Contract Data Requirements List